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Official Publication of Chicago Section • Institute of Electrical & Electronics Engineers • JANUARY 1993

TIME SENSITIVE MATERIAL

CALENDAR OF EVENTS

For reservations please call IEEE Office at (708) 963-3828 before the stated deadline
The meeting details are stated in their relevant announcements inside
Copy Deadline for February SCANFAX is December 21, 1992

January 12 Tuesday	Chicago Section	Executive Committee	Motorola Center 1295 East Algonquin Rd. Schaumburg, Il.	Meeting: 7:15 PM
January 13 Wednesday	Communications/Computer/Engineering Management/Professional Communications Societies/USR/Group/Chicago	The Internet - A Professional Resource Growing Rapidly in Front of You	Jerry Sharko's Restaurant 2225 Ogden Ave. Lisle, Il.	Social: 6:00PM Dinner: 7:00PM Meeting: 8:00PM
January 13 Wednesday	Power Engineering Society	New Advances in Adjustable Speed Drives	Chicago Bar Association 321 S. Plymouth Ct. Chicago, Il.	Social: 11:30AM Lunch: 12:00noon Meeting: 12:30PM
January 26 Tuesday	Fox Valley Subsection	Financial Freedom: You Can Get There From Here	Wilton Manor 2200 N. Main ST. Wheaton, Il.	Social: 6:00PM Dinner: 7:00PM Meeting: 8:00PM

OUR CHICAGO SECTION STARTS ITS CENTENARY YEAR IN 1993

All of IEEE is planning to help us celebrate our 100th birthday as the first AIEE (American Institute of Electrical Engineers) Section; AIEE merged with the IRE (the Institute of Radio Engineers) to form the IEEE in 1962.

During 1993 there will be several celebrations to mark this special anniversary:

- The IEEE Board of Directors is planning to hold their meeting in Chicago in February.
- IEEE Region 4 will have their semiannual meeting here in mid-February.
- Our Northwest Section is preparing a series of special programs during Engineers' Week (see separate announcement).
- Our annual Chicago Section Recognition Dinner on April 24th.
- Some special articles and features appearing in SCANFAX to help us explain how we managed to operate our Section for over 100 years.
- Our usual Fall Kickoff Meeting is expected to be a really special event.
- Perhaps a few more events when our local volunteers complete their planning for 1993.

So be prepared to "toot our horn" and show our pride in our Chicago Section, Subsections, and Chapters, as well as demonstrate our appreciation of their hard-working Officers and Committees.

Furthermore, we would like our prior Section Officers and Committees members (particularly our AIEE and IRE members) to contact our Answering Service at (708) 963-3828 as soon as possible. These members served us so well in the past; therefore, we would like to recognize their important contributions publicly.

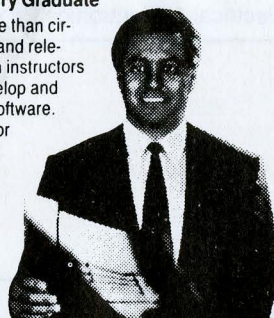
Joe Feitler
Associate Editor of SCANFAX

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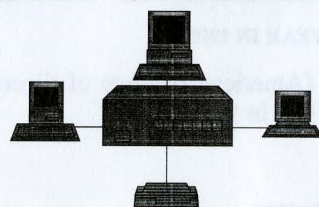
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Send change of address to Roseann Schulz, Member Services, IEEE Service Center, 445 Hoes Lane, Piscataway, NJ 08854-4150. Include your SCANFAX mailing label if possible or phone direct to: 1-800-678-4333. We cannot forward this information for you, so please do not send it to the local office.

SCANFAX DEADLINES

ISSUE	COPY DUE	MAILED ON
FEB	DEC 21	JAN 15
MAR	JAN 28	FEB 15
APR	FEB 25	MAR 15
MAY	MAR 25	APR 15
JUNE	APR 28	MAY 15

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IEEE

POWER ENGINEERING SOCIETY

SPEAKER: James A. Oliver
Engineering Specialist, Bechtel Corp.

TOPIC: New Advances in Adjustable Speed Drives

ABSTRACT: Work performed by Bechtel for Electric Power Research Institute with the field testing of medium-voltage adjustable-speed drives (ASD's) in fossil fuel power plants resulted in a power plant specific ASD concept that addresses reliability and harmonics, which are the principal concerns of electric utilities in applying ASD's to power plants. This concept was proven by further field tests and is now being applied to the Washington Public Power Supply WNP-2 nuclear power plant.

BACKGROUND: Mr. Oliver has been in the Bechtel Southern California office in Norwalk for the past 10 years, working on motor, generator and adjustable speed drive activities. He has prior experience in manufacturing and electric utilities. He holds BSEE and MSEE degrees from the University of Maine and the Polytechnic Institute of New York.

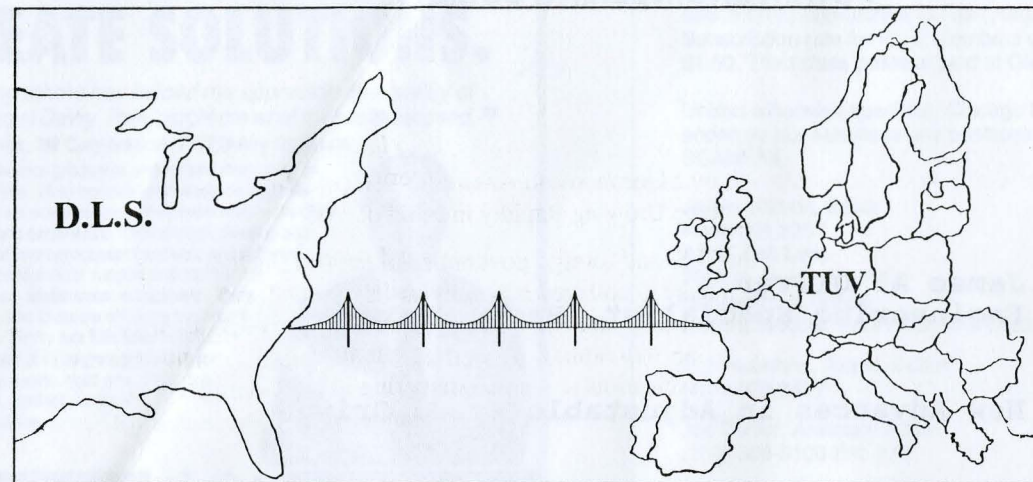
PLACE: Chicago Bar Association, 321 S. Plymouth Ct.
(near Jackson and Dearborn)
Purchase lunch tickets in lobby (\$7.50)

DATE/TIME: January 13, 1993 / 11:30 Social, 12:00 Lunch,
12:30 Presentation

RESERVATIONS MUST BE MADE BY MONDAY 1/11/93, 12:00 PM. RESERVATIONS MAY BE MADE BY CALLING THE IEEE CHICAGO MESSAGE CENTER AT (708) 963-3828. PLEASE LEAVE NAME(S) AND COMPANY NAME(S) FOR THOSE WISHING TO ATTEND. QUESTIONS MAY BE ADDRESSED TO D. HARRIS (312) 294-8332

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ANNOUNCING A JOINT MEETING OF THE IEEE CHICAGO CHAPTERS OF THE COMMUNICATIONS, COMPUTER, ENGINEERING MANAGEMENT, AND PROFESSIONAL COMMUNICATIONS SOCIETIES, AND /USR/GROUP/CHICAGO (A UNIX USER GROUP AND A UNIFORM AFFILIATE)

DATE: Wednesday, January 13, 1993
 PLACE: Jerry Sharko's Restaurant, 2225 Ogden Ave, Lisle, IL
 TIME: 6 PM — Social Hour (Cash Bar)
 7 PM — Dinner (\$ 14.00 per person)
 Please make the **REQUIRED** reservations at (708) 963-3828 no later than 1/8/93
 8 PM — Panel discussion, followed by a Question and Answer Period (FREE)
 TOPIC: The Internet — A Professional Resource Growing Rapidly in Front of You

The Internet is a joint venture sponsored by the U.S. and foreign governmental entities (including the Armed Forces), research organizations sponsored by the government, industry, colleges and universities around the world, as well as some private services handling commercial traffic. The Internet is a rapidly growing electronic "network of networks" which enables its participants to exchange messages between specific individuals, as well as submit questions and answers related to publicly discussed topics which fit some current topical classification(s) — now numbering in the thousands — or solicit the need for new ones. The phenomenal growth of the Internet within the past decade is now anticipated to reach *one billion* users worldwide by the year 2000.

Our invited guest panelists will discuss the Internet from three point of view:

- the scope of the available and potential Internet resources — Ron Heiby
- the local, national, and world-wide topology of the Internet — Doug Price
- IEEE's campaign to improve communications among their members and officers via the Internet — Joe Feitler

ABOUT OUR PANELISTS:

Ron Heiby is currently a Senior Staff Systems Engineer on the Motorola Technical Ladder and is responsible for pre- and post-sales technical support of major account customers for the Motorola Computer Group in the Chicago and Milwaukee area. Before joining Motorola six years ago, he worked in AT&T's computer division for three years. Before that, Ron got his first taste of the Internet at Honeywell's Avionics Division, where he worked on software development tools and techniques, as well as on real-time software development projects for five years.

Douglas H. Price has a degree in Communications from the University of Wisconsin in Madison. He is a member of the Association for Computing Machinery and is a Past President of /usr/group/chicago. He has been a Consultant with Analysts International Corporation's (AIC) branch office in Schaumburg for 11 years. He has an extensive background in networking, network protocol design, security issues, and system design.

Joe Feitler is a Senior Staff Consultant at Interactive Systems Corporation (previously Lachman Associates, Inc) in Naperville where he concentrates on application system architectures, as well as on user procedures and documentation. Currently, Joe is also the Secretary of /usr/group/chicago and one of their Board Members. In addition, he is very active in IEEE, such as "IEEE Region 4 E-mail Coordinator", Treasurer of the Computer Chapter, and Chairman of the joint Engineering Management/Professional Communications Chapter.

*Season's Greetings
 and Best Wishes for the New Year*



From the IEEE Chicago Section

Wireless Communications Symposium Proceedings

On October 29, 1992, the local chapter of the IEEE Communications Society held a very successful Wireless Communications Symposium at the University of Illinois at Chicago. We received a number of inquiries about the proceedings from this symposium and plan to reprint additional copies.

Topics included: Wireless Access Technologies, U.S. and International Standards, Cellular Networking, PCS & The Intelligent Network, The Ameritech PCS Trial, and Authentication and User Privacy. Experts from industry and academia made the presentations.

The proceedings are organized into a 150-page bound notebook. If you are interested in obtaining a copy, please fill out the form below and mail it with your check or money order to:

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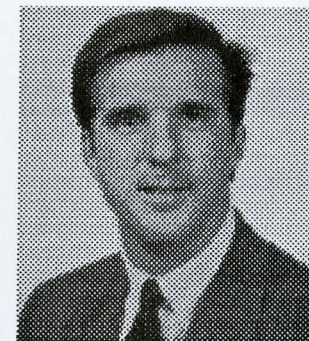
JANUARY MEETING ANNOUNCEMENT
SPECIAL INTEREST TOPIC



FINANCIAL FREEDOM: YOU CAN GET THERE FROM HERE

Presented by
John Betterman of Shearson Lehman Brothers

Tuesday, January 26, 1993



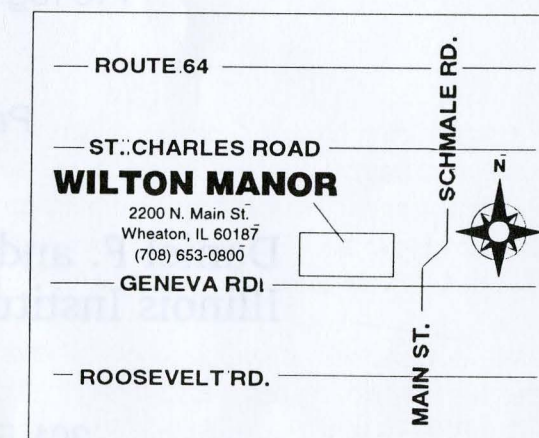
John Betterman is Second Vice President and top Financial Consultant at Shearson Lehman Brothers in Chicago. John has a B.S. in Economics from the University of Illinois and will graduate this year with an MBA from the J.L. Kellogg Graduate School of Management, Northwestern University.

John will show you how to plan for your retirement, your children's education, and how your assets should be allocated given the changing economic and political climate.

John will also cover investment alternatives to lower interest rates such as stocks, municipal bonds, and annuities.

At the end his presentation, you will have the opportunity to ask John about other investment and financial topics.

Place: Wilton Manor
Social: 6:00 PM / Cash Bar
Dinner: 7:00 PM / \$13.00
Speaker: 8:00 PM / Free
Reservations: Call (708) 963-3828
by Friday, Jan. 22nd
Attire: Casual



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12:00 P.M. to 4:00 P.M.**

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